



02-27-06
AF

2634 TFC

PATENT
Customer No. 22,852
Attorney Docket No. 9146.0001-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
RAGHAVAN, Sreen) Group Art Unit: 2634
Application No.: 09/904,432) Examiner: WILLIAMS, Lawrence B.
Filed: July 11, 2001)
For: HIGH-SPEED COMMUNICATIONS) Confirmation No.: 9701
TRANSCEIVER)

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination in the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patents and patent publications are not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or

constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

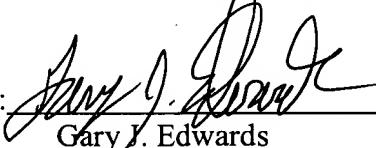
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: February 24, 2006

By: 
Gary J. Edwards
Reg. No. 41,008

EXPRESS MAIL LABEL NO.
EV 860819562 US



Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>			
Sheet	1	of	1
		Application Number: 09/904,432 Filing Date: July 11, 2001 First Named Inventor: RAGHAVAN, Sreen Art Unit: 2638 Examiner Name: WILLIAMS, Lawrence B. Attorney Docket Number: 9146.0001-00	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 2004/109948 A2	12-16-2004	Vativ Technologies, Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁸
		EPO Response to Examination Report for EP Appl. No. 02 748 158.9, dated July 5, 2005 (23 pages).	
		Taiwanese Office Action granting acceptance for Appl. No. 91115102, dated July 13, 2005 (4 pages).	
		Taiwanese Response to Official Letter for Appl. No. 91115102, dated May 26, 2005 (6 pages).	
		Taiwanese Official Letter for Appl. No. 91115102, dated May 3, 2005 (3 pages).	
		International Preliminary Report on Patentability for WO Application No. PCT/US2004/014538, mailed December 22, 2005 (8 pages).	
		Article 34 Amendment for WO Appl. No. PCT/US02/22339, filed December 18, 2003 (31 pages).	
		Written Opinion for WO Application No. PCT/US02/22339, dated February 13, 2004 (11 pages).	

Examiner Signature		Date Considered
--------------------	--	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**EXPRESS MAIL LABEL NO.
EV 860819562 US**